WHAT IS CLAIMED IS:

1   1.   A method for positioning of a user on the mobile Internet, comprising the

2   steps of:

3   receiving a request to position the user using a location based service;

4   accessing a location privacy proxy to determine if the location based service

5   may position the user; and

6   positioning the user based on the determination made by the location privacy

7   proxy.

1   2.   The method of Claim 1, wherein the request is received from a mobile portal.

1   3.   The method of Claim 1, wherein the request is received from a WAP gateway.

1   4.   The method of Claim 1, wherein the request is received from a positioning

2   server.
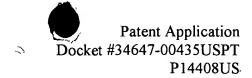
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1   5.   The method of Claim 1, wherein the step of accessing further comprises the

2   steps of:

3   determining if the location based service has previously positioned the user;

4   if the location based service has not previously positioned the user,

5   determining if the user manually authorizes positioning by the location based service; and

6   storing an indication of whether the location based service is authorized to

7   position the user.

1   6.   The method of Claim 1, wherein the step of accessing further comprises the

2   steps of:

3   determining if the location based service has previously positioned the user;

4   if the location based service has previously positioned the user, accessing a

5   user profile to determine if the user may be positioned if the user manually authorizes the

6   positioning.

1   7.   The method of Claim 1, further including the steps of:

2   generating a unique ID within the location privacy proxy for a request from an

3   untrusted application; and

4   associating the unique ID with the MSISDN of the user being positioned.

1   8.   The method of Claim 7, wherein the step of positioning further comprises the

2   steps of attaching the unique ID of the user to a positioning request prior to

3   positioning the user.

1   9.   A method for controlling positioning of a user on the mobile Internet,

2   comprising the steps of:

3   receiving a request to position the user using a location based service;

4   determining if the location based service has previously positioned the user

5   using a location privacy proxy;

6   if the location based service has previously positioned the user, accessing a

7   user profile to determine if the user may be positioned;

8   if the location based service has not previously positioned the user,

9   determining if the user manually authorizes positioning by the location based

10   service;

11   storing an indication of whether the location based service is authorized to

12   position the user; and

13   positioning the user based on the determination made by at least one of the

14   location privacy proxy or manual authorization by the user.

1   10.   The method of Claim 9, wherein the request is received from a mobile portal.

1   11.   The method of Claim 9, wherein the request is received from a WAP gateway.

1   12.   The method of Claim 9, wherein the request is received from a positioning
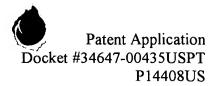
2   server.

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1   13.   The method of Claim 9, further including the steps of:

2   generating a unique ID within the location privacy proxy for a request from an

3   untrusted application; and

4   associating the unique ID with the MSISDN of the user making the request.

1   14.   The method of Claim 13, wherein the step of positioning further comprises the

2   steps of:

3   attaching the unique ID of the user to a positioning request prior to positioning the
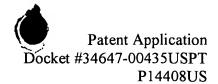
4   user.

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1   15.   A method for controlling positioning of a user on the mobile Internet,

2   comprising the steps of:

3   receiving a request to position the user using a location based service;

4   accessing a location privacy proxy to determine if the location based service

5   may position the user;

6   associating the unique ID with the MSISDN of the user making the request;

7   generating a unique ID within the location privacy proxy for a request from an

8   untrusted application;

9   attaching the unique ID of the user to a positioning request prior to positioning the

10   user; and

11   positioning the user based on the determination made by the location privacy

12   proxy.

1   16.   The method of Claim 15, wherein the request is received from a mobile portal.

1   17.   The method of Claim 15, wherein the request is received from a WAP

2   gateway.

1   18.   The method of Claim 15, wherein the request is received from a positioning

2   server.

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1   19.   The method of Claim 15, wherein the step of accessing further comprises the

2   steps of:

3   determining if the location based service has previously positioned the user;

4   if the location based service has not previously positioned the user,

5   determining if the user manually authorizes positioning by the location based service; and

6   storing an indication of whether the location based service is authorized to

7   position the user.

1   20.   The method of Claim 15, wherein the step of accessing further comprises the

2   steps of:

3   determining if the location based service has previously positioned the user;

4   if the location based service has not previously positioned the user, accessing

5   a user profile to determine if the user may be positioned.
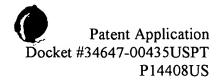
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1   21.   A location privacy proxy, comprising:

2   a first interface for receiving positioning requests for a user;

3   a second interface for accessing location based services;

4   a third interface for accessing a positioning server; and

5   control logic configured to:

6   receive a request to position the user using a location based service;

7   determine if the application may position the user; and

8   position the user based on the determination made by the location

9   privacy proxy using the positioning server.

1   22.   The location privacy policy of Claim 21, wherein the control logic is further

2   configured to:

3   determine if the location based service has previously positioned the user;

4   if the location based service has not previously positioned the user, determine

5   if the user authorizes positioning by the location based service; and

6   store an indication of whether the location based service is authorized to

7   position the user.

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1   23.   The location privacy policy of Claim 21, wherein the control logic is further

2   configured to:

3   determine if the location based service has previously positioned the user;

4   if the location based service has not previously positioned the user, access a

5   user profile to determine if the user may be positioned.

1   24.   The location privacy policy of Claim 21, wherein the control logic is further

2   configured to:

3   generate a unique ID within the location privacy proxy for a request from an

4   untrusted application; and

5   associate the unique ID with the MSISDN of the user making the request.

1   25.   The location privacy policy of Claim 24, wherein the control logic is further

2   configured to:

3   attach the unique ID of the user to a positioning request prior to positioning

4   the user.

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1   26.   A location privacy proxy, comprising:

2   a first means for receiving positioning requests for a user;

3   a second means for accessing location based services;

4   a third means for accessing a positioning server; and

5   control means for receiving a request to position the user using a location

6   based service; accessing a location privacy proxy to determine if the location based service

7   may position the user; and positioning the user based on the determination made by the

8   location privacy proxy using the positioning server.

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